BRUHAT BENGALURU MAHANAGARA PALIKE

Name of Work : Providing of Solid Waste Management in Jalahalli ward- 16

Job Code: 016-19-000009 — **Est .Cost Rs. 15.00 lakh**

Sl No	Description of Items	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRRB M200-13.1. **Dismantling of existing structures** like culverts, bridges, retaining walls and other structure comprising of masonry, cement concrete, wood work, steel work, including T&P and scaffolding wherever necessary, sorting the dismantled material, disposal of unserviceable material and stacking the serviceable material with all lifts complete as per specifications. II. **By Mechanical Means** A Cement Concrete Grade M-15 &M-20 MORTH Specification No 202 (Pg no 139/18 20)PW, PIWTD SR-2018-19								
		cum							
	Solid Waste Management		1	4.00	0.45	3.50	6.30		3205.00
							6.30	511.36	3221.6
	Basic Rate	390.00						508.80	
	Loading & unLoading	57.00							
	Add for lead for earth (1.28 Tonne / Cum) for 15km	38.40 40.96							
	Area Weightage @ 6%	23.40							
		511.36 508.80							
2	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications. MORTH / Chapter 3 (P-143/19.1) PW, PIWTD SR-2018-19								
	Desilting								
	Solid Waste Management	Cum	1	300.00	8.00	2.00	4800.00		
							4800.00	235.76	1131648.00
	Basic Rate	130.00						233.20	1121280
	Loading & unLoading	57.00							
	Add for lead for earth (1.28 Tonne / Cum) for 15km	38.40 40.96							
	Area Weightage @ 6%	7.80							
	Total	235.76 233.20							
3	Providing and constructing granite / trap / basalt **size stone masonry** in foundation with cement mortar 1:6 stone hammerd dressed in courses not **less than 20 cms high** bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications KBS 5.1.13 (P No. 255/I.No. 34 8.2) PW, PIWTD SR-2018-19								
	For Dismantled Portions	Cum	1	4.20	0.45	3.70	6.99		
	for Patch Work								
			2	3.00	0.45	1.20	3.24		
			5	4.50	0.45	1.50	15.19		
			4	4.60	0.45	1.00	8.28		
							33.70	4871.76	**164180.75**
	Basic Rate	4596.00							
	Area Weightage @ 6%	275.76							
	Total	**4871.76**							
4	Providing and laying in position **plain cement concrete of mix 1:2:4** with cement @ 240kgs with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregtes @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, for coping Including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P. No. 255/ I. No.34.11)PW, PIWTD SR-2018-19								
	Coping For SSM	Cum	1	4.20	0.45	0.15	0.28		
	for Patch Work								
			2	3.00	0.45	0.10	0.27		
			5	4.50	0.45	0.10	1.01		

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			4	4.60	0.45	0.10	0.83	
							2.39	5599.98
		Basic Rate	5283.00					
		Area Weightage @ 6%	316.98					
		Total	5599.98					
	GST 12%							
	PMC & DPR Charges 2%							
5	Miscellaneous and unforseen Charges							
								Total

13406.35
13383.20
1312466.67
157494.80
30000.00
28687
1500000.00

CERTIFICATE

1 The Work spot has been inspected and the work found to be necessary
2 The Estimate is prepared as per the PWD SR 2018-19 & the Approved Data Rate
3 The Provision made in estimate are adequate and essential
4 This area comes under BBMP limits

Asst Engineer
Ward No: 16
BBMP

Asst Executive Engineer
Yeshwanthpura Sub Division
BBMP

Executive Engineer
Rajarajeshwari Nagar Division
BBMP

ನಂ.: 197 ದಿನಾಂಕ: 22/2/19
ರೂ. fifteen lakh only
ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ರಾಜರಾಜೇಶ್ವರಿ ನಗರ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-72

ನಂ.: 121 ದಿನಾಂಕ: 22/2/19
ರೂ. fifteen lakh only
ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ.

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